

Claims

1. **(Original)** Apparatus for high volume, low cost photo finishing comprising:
 - an inkjet printer having a printing width greater than twice the width of a first print size, and at least equal to the width of a second larger print size;
 - a supply of continuous feed media;
 - an image processor connected to the inkjet printer for digitizing images to be printed and arranging the digitized images for printing in at least a 2x2 matrix of prints of at least two different sizes;
 - a cutter for cutting the continuous feed media into sheets, each sheet carrying the matrix of prints; and
 - a two-axis cutter controlled by the image processor and cutting the sheets into individual prints of at least two different sizes.
2. **(Withdrawn)** The apparatus of claim 1 comprising a laminator disposed between the inkjet printer and the two-axis cutter for laminating the sheets with a protective film of material.
3. **(Original)** The apparatus of claim 1 in which each matrix of prints comprises prints for a single customer.
4. **(Withdrawn)** The apparatus of claim 2 comprising a buffer between the printer and the laminator.
5. **(Withdrawn)** The apparatus of claim 1 in which the inkjet printer comprises a marking engine and a dryer.
6. **(Original)** The apparatus of claim 1 in which the supply of continuous feed media comprises a roll of media.

7. **(Original)** The apparatus of claim 6 in which the roll of media comprises a roll of paper.
8. **(Withdrawn)** The apparatus of claim 2 in which the laminator comprises an embosser coupled to the image processor for selectively embossing the prints to simulate a matte finish.
9. **(Currently Amended)** The apparatus of claim 1 comprising a waste ~~receptical receptacle~~ coupled with the two axis cutter for receiving strips cut from the sheet.
10. **(Original)** The apparatus of claim 1 in which the two axis cutter comprises an input cutter arranged on a first edge of the two axis cutter and an output cutter arranged on a second edge of the two axis cutter orthogonal to the first edge.
11. **(Original)** The apparatus of claim 1 in which the cutter cuts the media into sheets having lengths that vary over a range of at least 2:1.
12. **(Withdrawn)** The apparatus of claim 3 comprising a sorter coupled to the image processor and the two axis cutter and sorting the individual prints by customer.
13. **(Withdrawn)** The apparatus of claim 1 comprising a stacker coupled to the image processor and the sorter stacking the prints by customer.
14. **(Withdrawn)** The apparatus of claim 1 comprising a backside printer coupled to the image processor and disposed between the two axis cutter and the sorter.

15. (New) Photo finishing apparatus comprising:

- a printer having a printing width greater than twice the width of a first print size, and at least equal to the width of a second larger print size;
- a supply of continuous feed media;
- an image processor connected to the printer for digitizing images to be printed and arranging the digitized images for printing in at least a 2x2 matrix of prints of at least two different sizes on the media; and
- a two-axis cutter downstream of the printer and controlled by the image processor for cutting the printed media into individual prints of at least two different sizes.

16. (New) Apparatus as in Claim 15 including a cutter located between the printer and the two axis cutter for cutting the continuous feed media into sheets, each sheet carrying at least a 2x2 matrix of prints and the two-axis cutter cutting the sheets into individual prints.